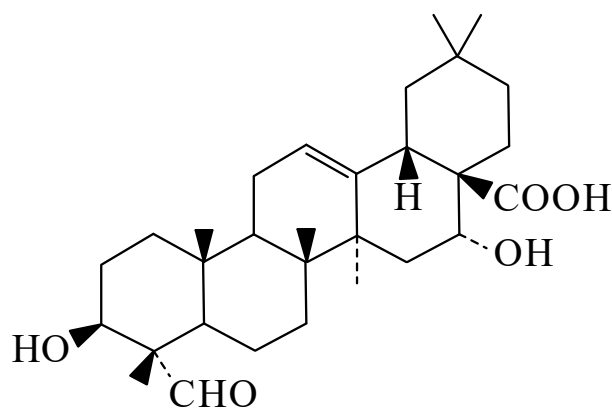




>>Entry Name: 3,16-Dihydroxy-23-oxo-12-oleanen-28-oic acid



Molecular Formula: C₃₀H₄₆O₅

Molecular Weight: 486.69

Accurate Mass: 486.334525

Percentage Composition: C 74.04%; H 9.53%; O 16.44%

>>Variant: (3 β ,16 α)-form

Synonym(s): Quillaic acid

CAS Registry Number: 631-01-6

Type of Compound Code(s): VS8300

Molecular Formula: C₃₀H₄₆O₅

Molecular Weight: 486.69

Accurate Mass: 486.334525

Percentage Composition: C 74.04%; H 9.53%; O 16.44%

Biological Source: Obt. by hydrol. of Quillaja sapogenin and prosapogenin (*Quillaja saponaria*). Also from *Psammosilene tunicoides* and others

Physical Description: Cryst. (EtOH)

Melting Point: Mp 294°

Optical Rotation: [α]_D +56.1 (Py)

>>Derivative: Me ester

CAS Registry Number: 6151-28-6

Type of Compound Code(s): VS8300

Molecular Formula: C₃₁H₄₈O₅

Molecular Weight: 500.717

Accurate Mass: 500.350175

Percentage Composition: C 74.36%; H 9.66%; O 15.98%

Biological Source: From roots of *Psammosilene tunicoides*

Melting Point: Mp 200-205 dec.°

Optical Rotation: [α]_D +50.1 (CHCl₃)

>>Derivative: 28-O-[β -D-Glucopyranosyl-(1 $\rightarrow$ 2)-[β -D-galactopyranosyl-(1 $\rightarrow$ 6)]- β -D-glucopyranosyl] ester

CAS Registry Number: 158359-81-0

Type of Compound Code(s): VS8300

Molecular Formula: C₄₈H₇₆O₂₀

Molecular Weight: 973.116

Accurate Mass: 972.493

Percentage Composition: C 59.25%; H 7.87%; O 32.88%

Biological Source: Constit. of *Gypsophila capillaris*

Physical Description: Cryst.

Melting Point: Mp 205-207°

Optical Rotation: [α]_D²⁰ +18.1 (MeOH)